

LISTING OF CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented) A deadening material for production of deadening pads, comprising:

at least one binding material; and

at least one filler material, wherein the at least one filler material comprises natural straw and the natural straw is at least partly disintegrated.

2. (Previously presented) The deadening material according to claim 1, wherein said natural straw comprises natural fibre binding that is at least partly neutralized by the disintegration.

3. (Previously presented) The deadening material according to claim 1, wherein said natural straw comprises straw stalks bound by straw fibres with the disintegration of the natural straw being at least partly annulled.

4. (Previously presented) The deadening material according to claim 1, wherein said at least partly disintegrated natural straw is formed by straw fibres that are dissolved from a natural stalk structure.

5. (Previously presented) The deadening material according to claim 4, wherein the natural straw is at least partly neutralized by loosening the natural pentosan-binding, lignin-binding and / or cellulose-binding of the straw fibres.

6. (Previously presented) The deadening material according to claim 1, wherein said at least one filler material is boiled.

7. (Previously presented) The deadening material according to claim 1, wherein the at least one binding agent comprises bitumen.

8. (Previously presented) The deadening material according to claim 1, wherein the natural straw, before disintegration, comprises particles having a shortened length as compared to their natural length.
9. (Previously presented) The deadening material according to claim 8, wherein said shortened length comprises shorter than or equal 100 mm.
10. (Previously presented) The deadening material according to claim 1, wherein the at least one filler material is impregnated.
11. (Previously presented) The deadening according to claim 1, wherein the at least one filler material is treated / impregnated with a substance to make it more combustible resistant.
12. (Currently amended) The deadening material according to claim 11, wherein said substance [[comprise]] comprises Triethyl phosphate.
13. (Previously presented) The deadening material according to claim 1, wherein the at least one filler material is dry and / or pulpy and temperized up to 100°C.
14. (Previously presented) The deadening material according to claim 1, wherein the at least one filler material is compressible.
15. (Previously presented) The deadening material according to claim 1, wherein the natural straw comprises a density of less or equal to 2000 kg/cbm.
16. (Previously presented) The deadening material according to claim 1, wherein the natural straw has a raw fibre share of 15 to 75 %, a lignin share of 10 to 40 %, a pentosan share of 0 to 40 %, and a cellulose share of 0 to 60 %.

17. (Previously presented) The deadening material according to claim 1, wherein the at least one binding material is heat fusible.

18. (Previously presented) The deadening material according to claim 1, further comprising a portion of magnetizable material.

19. (Previously presented) The deadening material according to claim 1, wherein the natural straw is partly chaffed or shredded.

20. (Withdrawn) A vehicle deadening pad, comprising:
at least one binding material; and
at least one filler material, wherein the at least one filler material comprises natural straw and the natural straw is at least partly disintegrated.

21. (Withdrawn) A process for producing a deadening material for vehicles, comprising:

providing a filler material which includes straw and a binding agent;
neutralizing the structure of the straw, by disintegration so that a fibre structure of the straw is freed, as are the lignin, pentosan and cellulose to form a straw pulp; and
mixing the straw pulp with the binding agent.

22. (Withdrawn) The process according to claim 21, further comprising cooking the straw at least till the fibre structure of the straw is at least partly neutralized.

23. (Withdrawn) The process according to the claim 21, further comprising cooking the straw and mixing the resulting disintegration while dropping wet with a hot bitumen / caoutchouc compound.

24. (Withdrawn) The process according to claim 21, further comprising shredding the straw before disintegration.

25. (Withdrawn) The process according to claim 21, further comprising cooking the straw under pressure at least until the natural pentosan-binding, lignin-binding, and/or cellulose binding of the straw fibres is at least partly disintegrated.

26. (Withdrawn) The process according to claim 21, further comprising maintaining the temperature during the mixing of the binding agent and the filler material to between 80°C and 150°C.

27. (Withdrawn) The process according to claim 21, further comprising at least one or more of the following process steps:

cutting the filler material,
impregnating the filler material,
drying the filler material,
blending the filler material with other ingredients,
adding of kaolin,
adding of clay,
pressing, casting or rolling the deadening material,
forming the deadening material into a deadening element or a deadening pad, and
fusing the deadening material with a carrier element.

28. (Previously presented) The deadening material according to claim 1, wherein the deadening pad is useable for vehicles selected from the group consisting of automobiles, rail cars, air planes, and ships.